

Track Walk Problems 2

Use your own paper, show all your work, and make sure you justify your answer.

Below are the times it took Maggie to walk, run, and walk backwards around the track:

- a. Time it took her to walk 400 meters: 250 seconds
 - b. Time it took her to walk backwards 100 meters: 50 seconds
 - c. Time it took her to run 300 meters: 70 seconds
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- 1) How long would it take her to walk 4,200 meters at the same pace as above?
 - 2) How long would it take her to walk backwards 650 meters at the same pace as above?
 - 3) How long would it take her to run 4,125 meters at the same pace as above?
 - 4) How long would it take her to walk 3,300 meters at the same pace as above?
 - 5) How long would it take her to run 8,150 meters at the same pace as above?
 - 6) If she walks backwards for 300 seconds, how far will she walk backwards?
 - 7) If she runs for 560 seconds, how far will she run?
 - 8) If she walks for 1,000 seconds, how far will she walk?
 - 9) If she walks backward for 15 *minutes*, how far will she walk backwards?
 - 10) If she runs for 1,898.75 seconds how far will she run?